



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1323

SERIAL NUMBER 10/729,732	FILING DATE 12/05/2003 RULE	CLASS 438	GROUP ART UNIT 2826	ATTORNEY DOCKET NO. H1983
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------

APPLICANTS

Tazrien Kamal, San Jose, CA;

Weidong Qian, Sunnyvale, CA;

Kouros Ghandehari, Santa Clara, CA; Taraneh Jamali-Beh, Santa Cruz, CA;

Mark T. Ramsbey, Sunnyvale, CA;

Ashok M. Khathuria, San Jose, CA;

** CONTINUING DATA *****

None. EP

** FOREIGN APPLICATIONS *****

None. EP

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 03/08/2004

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 9	TOTAL CLAIMS 31	INDEPENDENT CLAIMS 2
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature <i>[Signature]</i> Initials <i>EP</i>				

ADDRESS

29393

ESCHWEILER & ASSOCIATES, LLC

NATIONAL CITY BANK BUILDING

629 EUCLID AVE., SUITE 1210

CLEVELAND, OH

44114

TITLE

Hard mask spacer for sublithographic bitline

FILING FEE	FEES: Authority has been given in Paper	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of
------------	---	---